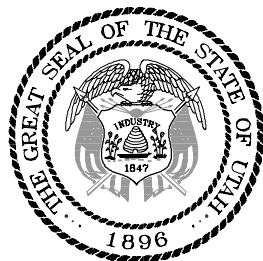


IRRIGATION POND REHABILITATION
UTAH VALLEY STATE COLLEGE
OREM, UTAH

DFCM PROJECT NO. 04217790



State of Utah—Department of Administrative Services

DIVISION OF FACILITIES CONSTRUCTION
AND MANAGEMENT

4110 State Office Building/Salt Lake City, Utah 84114/538-3018

APPROVALS:

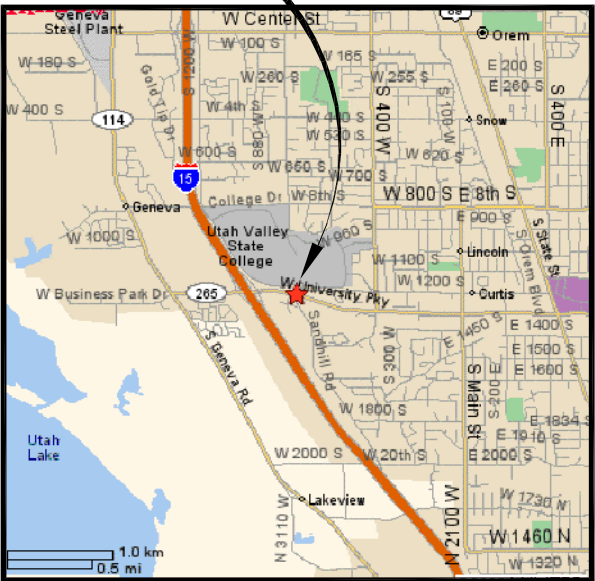
Utah Valley State College _____ Date _____
DFCM _____ Date _____

APPROVALS: (DO NOT REPLICATE AT DESIGNER RISK)

SHEET INDEX

- CD101 TITLE SHEET
- CD102 GENERAL NOTES AND LAYOUT PLAN
- CD103 DEMOLITION AND SEDIMENT REMOVAL PLAN
- CD104 POND IMPROVEMENT PLAN
- CD105 POND CROSS SECTIONS WITH CONCRETE LINER
- CD106 POND 1 DETAILS
- CD107 POND 2 DETAILS

**PROJECT
LOCATION**



VICINITY MAP
NOT TO SCALE

NOLTE
BEYOND ENGINEERING
CREATED BY: NOLTE ASSOCIATES



SITE/LOCATION

U.V.S.C.
OREM, UTAH

PROJECT TITLE

IRRIGATION POND
REHABILITATION
PROJECT

MARK	DATE	DESCRIPTION
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ISSUE TYPE:	PROPOSAL SET
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ISSUE DATE:	DECEMBER 23, 2004
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DFCM PROJECT NO:	04217790
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CAD PROJECT NO:	SLB0205
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CAD DWG FILE:	
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DRAWN BY:	CLN
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SHEET TITLE	
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TITLE
SHEET

SHEET NUMBER

CD101

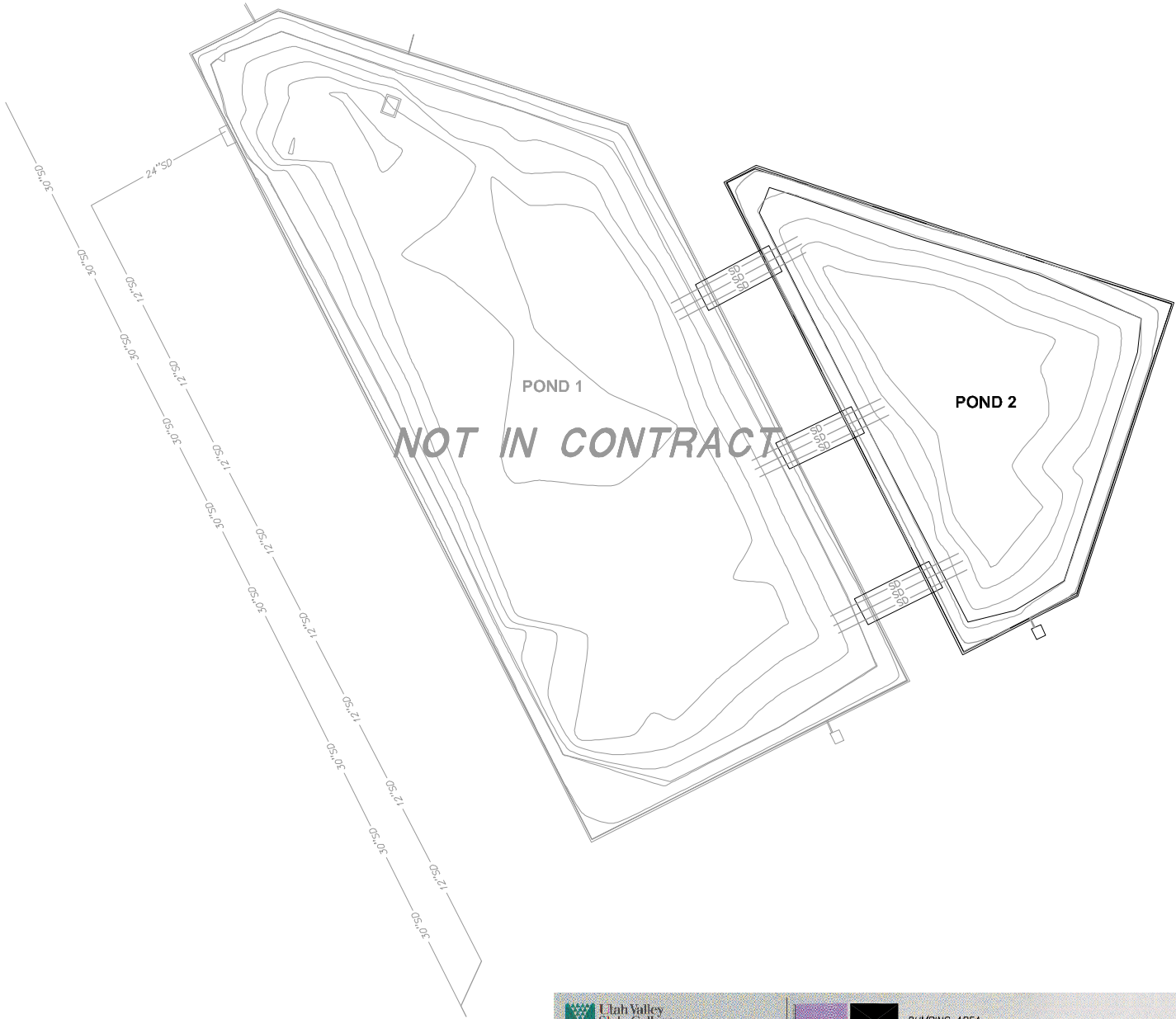
SHEET 1 OF 7

ABBREVIATIONS

APWA	AMERICAN PUBLIC WORKS ASSOC.	MH	MANHOLE
AC	ASPHALTIC CONCRETE	MIN	MINIMUM
&	AND	N	NORTH
APPR.	APPROXIMATELY	NG	NATURAL GRADE
@	AT	NIC	NOT IN CONTRACT
BDRY	BOUNDARY	NTS	NOT TO SCALE
CMP	CORRUGATED METAL PIPE	O.C.	ON CENTER
CL OR C	CENTERLINE	OH	OVERHEAD
CONC	CONCRETE	PL	PROPERTY LINE
DET	DETAIL	POC	POINT ON CURVE
DIA	DIAMETER	PP	POWER POLE
D.I.P.	DUCTILE IRON PIPE	PVC	POLYVINYL CHLORIDE
EG	EXISTING GRADE	PUE	PUBLIC UTILITY EASEMENT
EO	EDGE OF OIL	R	RADIUS
EP	EDGE OF PAVEMENT	RCP	REINFORCED CONCRETE PIPE
ELEV	ELEVATION	R.O.W.	RIGHT-OF-WAY
ESMT	EASEMENT	SS	SANITARY SEWER
EX.	EXISTING	SD	STORM DRAIN
FF	FINISH FLOOR	SW	SIDEWALK
FF	FIRE HYDRANT	SCH	SCHEDULE
FL	FLOWLINE	S.F.	SQUARE FEET
FT	FEET	SHT	SHEET
GB	GRADE BREAK	STD	STANDARD
HP	HIGH POINT	TBC	TOP BACK OF CURB
IE	INVERT ELEVATION	TG	TOP OF GRADE
L	LENGTH	TYP	TYPICAL
L.F.	LINEAR FEET	VAR	VARIES
LP	LOW POINT	W	WATER
MAX	MAXIMUM	W/	WITH

GENERAL NOTES

- CONTRACTOR SHALL CALL U.V.S.C. FOR UNDERGROUND UTILITY MARKING
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES/OBSTRUCTIONS SHOWN HEREON ARE APPROXIMATE ONLY. ALL UTILITIES/OBSTRUCTIONS MAY NOT BE SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND UTILITIES/OBSTRUCTIONS, WHETHER OR NOT SHOWN.
- CONTRACTOR SHALL COORDINATE AND OBTAIN ALL CONSTRUCTION PERMITS REQUIRED BY REGULATORY AUTHORITIES.
- CONTRACTOR SHALL MAKE THEMSELVES AWARE OF ALL CONSTRUCTION REQUIREMENTS, CONDITIONS, AND LIMITATIONS IMPOSED BY PERMITS AND APPROVALS ISSUED BY REGULATORY AUTHORITIES PRIOR TO COMMENCEMENT OF WORK.
- SAFETY MEASURES, CONSTRUCTION METHODS AND CONTROL OF WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- EVEN THOUGH ALL UTILITY SERVICES TO INDIVIDUAL STRUCTURES MAY NOT BE SHOWN FOR CLARITY, THEY DO EXIST AND SHALL BE KEPT IN SERVICE AT NO ADDITIONAL COST TO OWNER.
- ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES, DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS OR NOT.
- CONTRACTOR SHALL PROVIDE ALL TEMPORARY FACILITIES REQUIRED TO COMPLETE THE WORK DESCRIBED IN THESE SPECIFICATIONS AND DRAWINGS. SUCH TEMPORARY FACILITIES MAY OR MAY NOT BE SHOWN ON THE DRAWINGS. THE COST OF SUCH TEMPORARY FACILITIES SHALL BE INCLUDED IN THE LUMP SUM BID.
- BIDDER/CONTRACTORS ARE RESPONSIBLE FOR VISITING THE SITE PRIOR TO SUBMITTING BIDS TO MAKE THEMSELVES AWARE OF ANY POTENTIAL PROBLEMS WHILE CONSTRUCTING THE FACILITIES PER THE CONTRACT DOCUMENTS.
- CONTRACTORS SHALL BE RESPONSIBLE FOR DUST CONTROL.
- CONTRACTOR SHALL MAKE THEMSELVES AWARE OF EXISTING SOIL CONDITIONS.



NOLTE

BEYOND ENGINEERING
CREATED BY: NOLTE ASSOCIATES



SITE/LOCATION

U.V.S.C.
OREM, UTAH

PROJECT TITLE

IRRIGATION POND
REHABILITATION
PROJECT

MARK	DATE	DESCRIPTION
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ISSUE TYPE: PROPOSAL SET

ISSUE DATE: DECEMBER 23, 2024

DFCM PROJECT NO: 04217790

CAD PROJECT NO: SLB0205

CAD DWG FILE:

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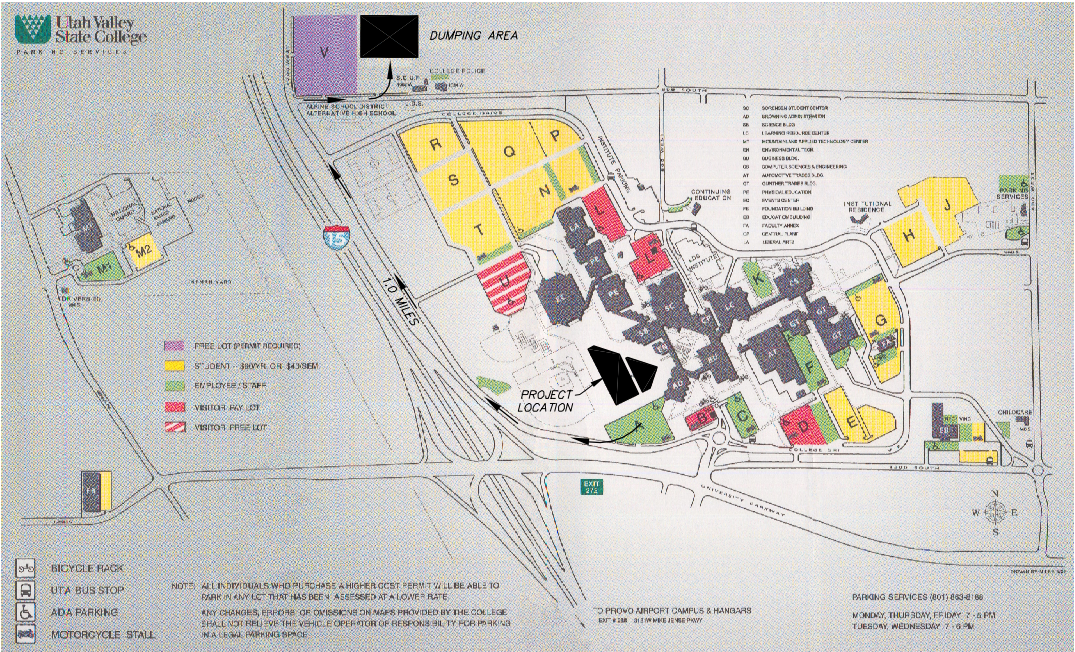
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GENERAL
NOTES AND
LAYOUT PLAN

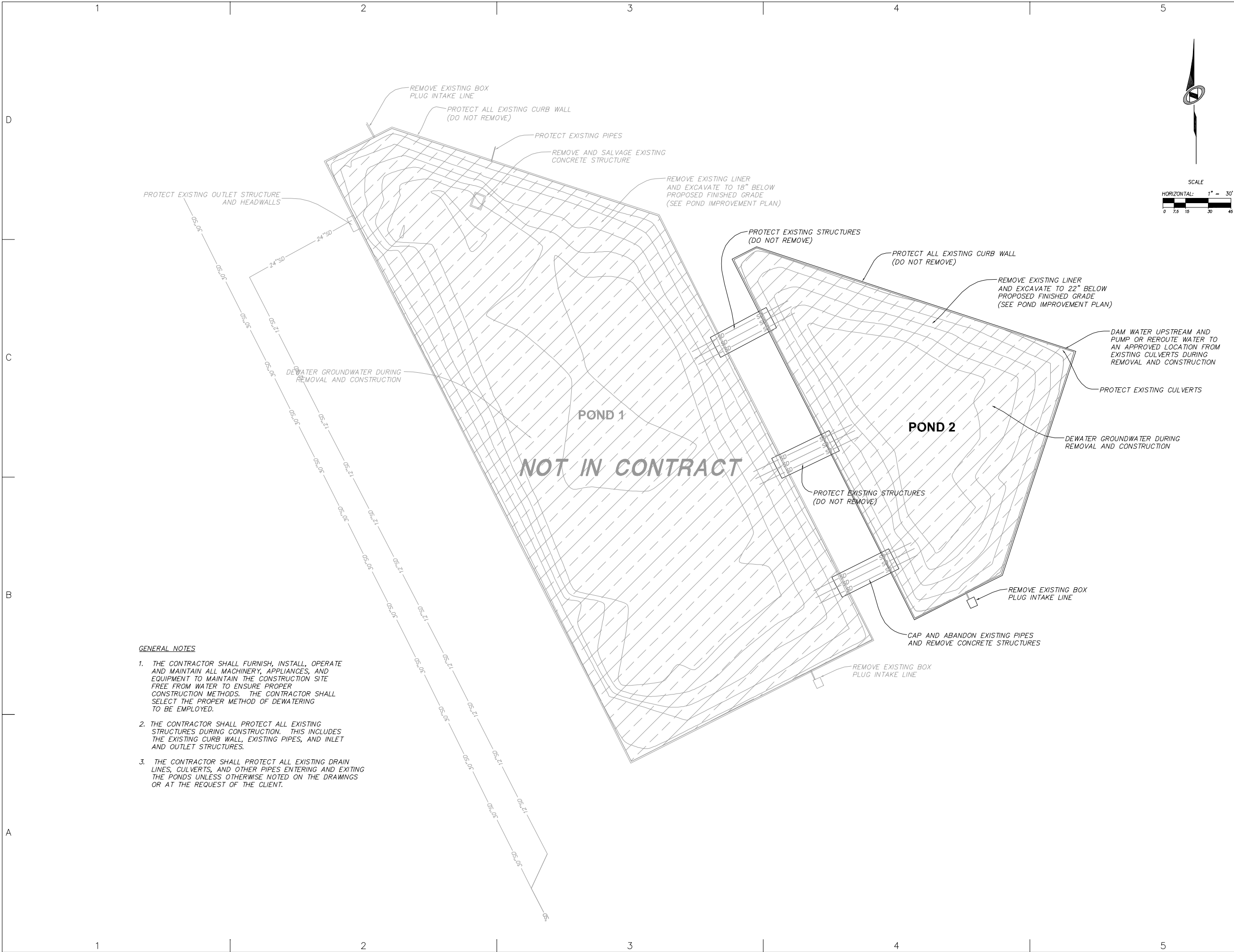
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CD102

SHEET 2 OF 7



EXCAVATED MATERIAL DUMPING AREA MAP



SITE/LOCATION

U.V.S.C.
OREM, UTAH

PROJECT TITLE

IRRIGATION POND
REHABILITATION
PROJECT

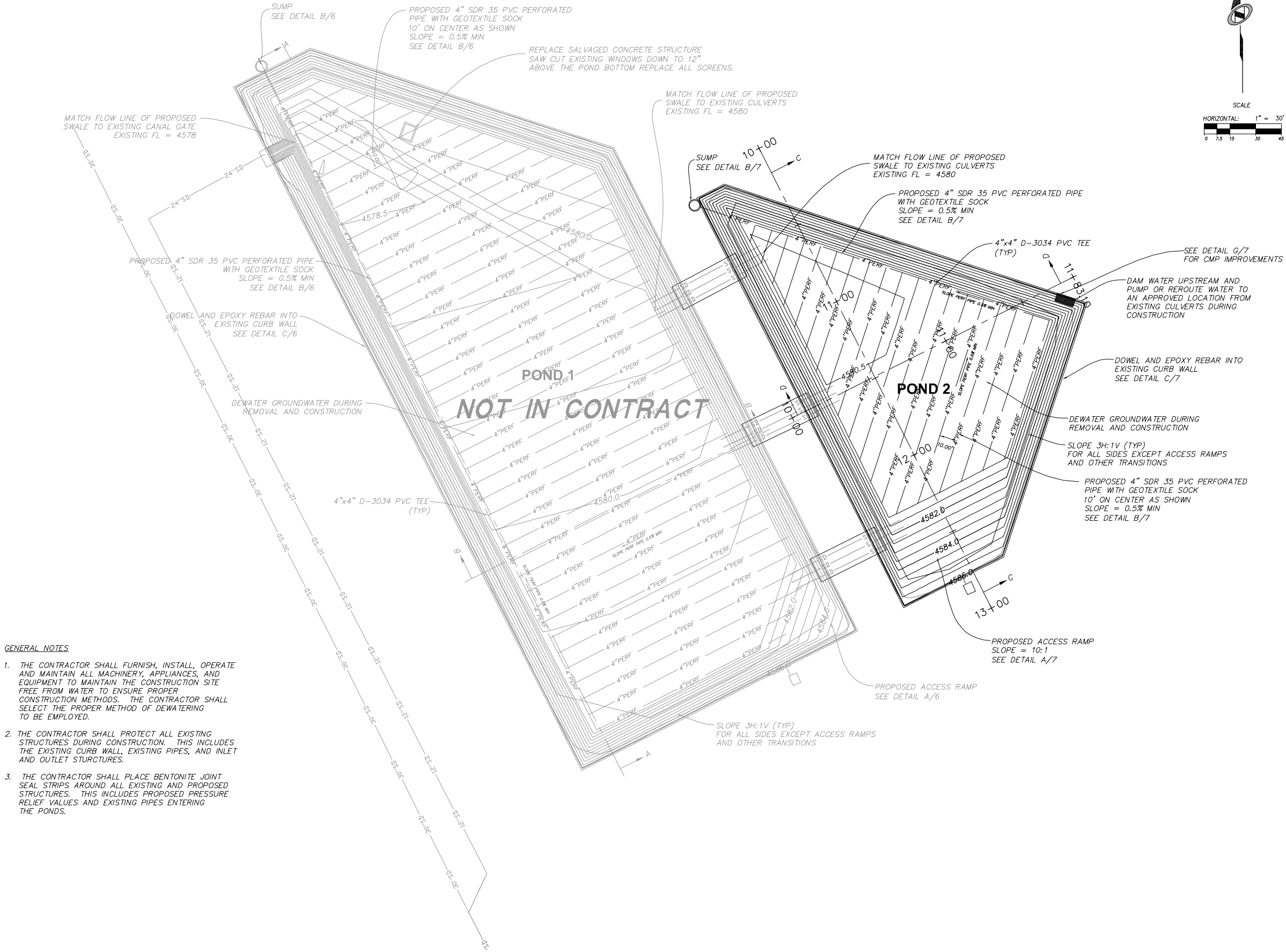
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SHEET TITLE		

DEMOLITION AND
SEDIMENT
REMOVAL PLAN

SHEET NUMBER

CD103

SHEET 3 OF 7



- GENERAL NOTES**
1. THE CONTRACTOR SHALL FURNISH, INSTALL, OPERATE AND MAINTAIN ALL MACHINERY, APPLIANCES, AND EQUIPMENT TO MAINTAIN THE CONSTRUCTION SITE FREE FROM WATER TO ENSURE PROPER CONSTRUCTION METHODS. THE CONTRACTOR SHALL SELECT THE PROPER METHOD OF DEWATERING TO BE EMPLOYED.
 2. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES DURING CONSTRUCTION. THIS INCLUDES THE EXISTING CURB WALL, EXISTING PIPES, AND INLET AND OUTLET STURCTURES.
 3. THE CONTRACTOR SHALL PLACE BENTONITE JOINT SEAL STRIPS AROUND ALL EXISTING AND PROPOSED STRUCTURES. THIS INCLUDES PROPOSED PRESSURE RELIEF VALVES AND EXISTING PIPES ENTERING THE PONDS.



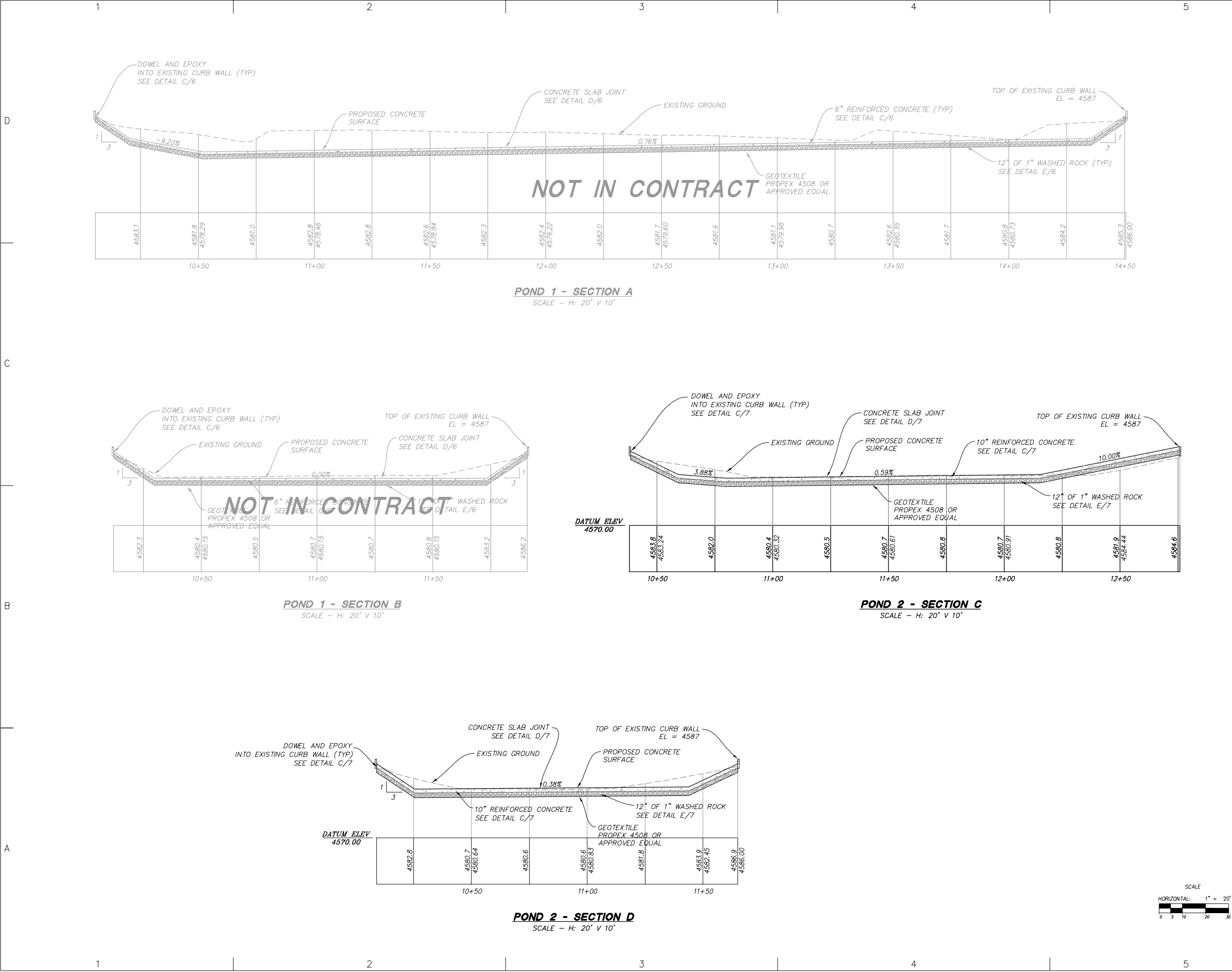
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U.V.S.C.
OREM, UTAH

PROJECT TITLE
IRRIGATION POND
REHABILITATION
PROJECT

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POND
IMPROVEMENT
PLAN

SHEET NUMBER
CD104
SHEET 4 OF 6



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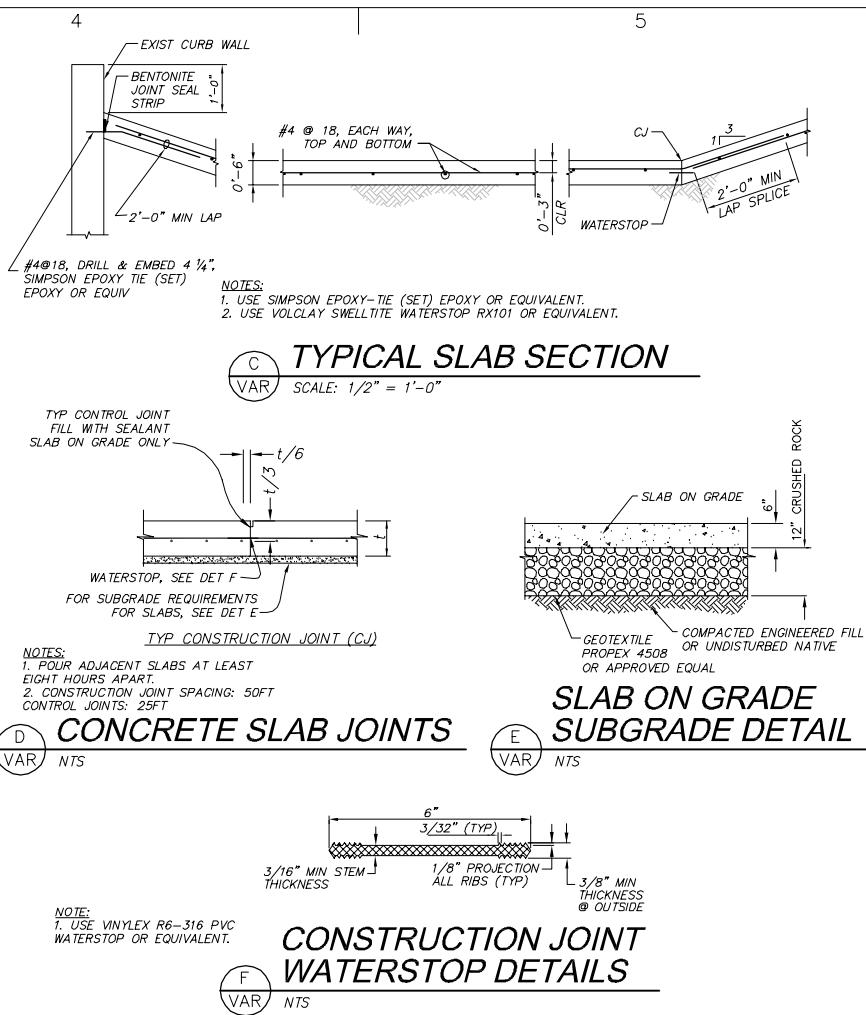
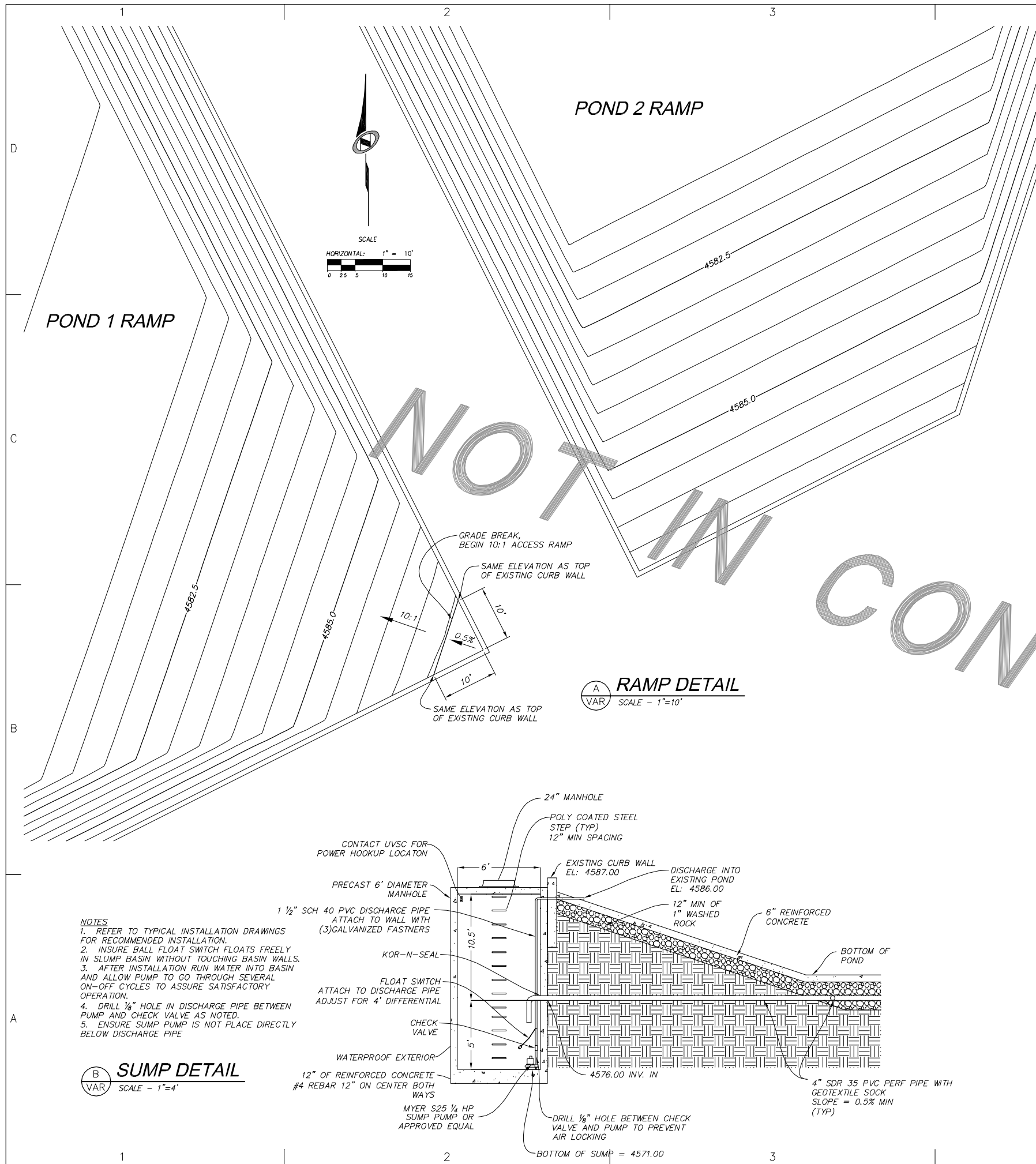
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POND
CROSS SECTIONS
WITH CONCRETE
LINER

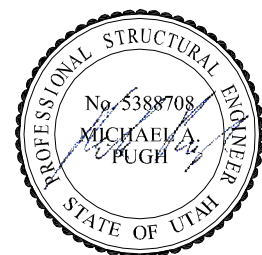
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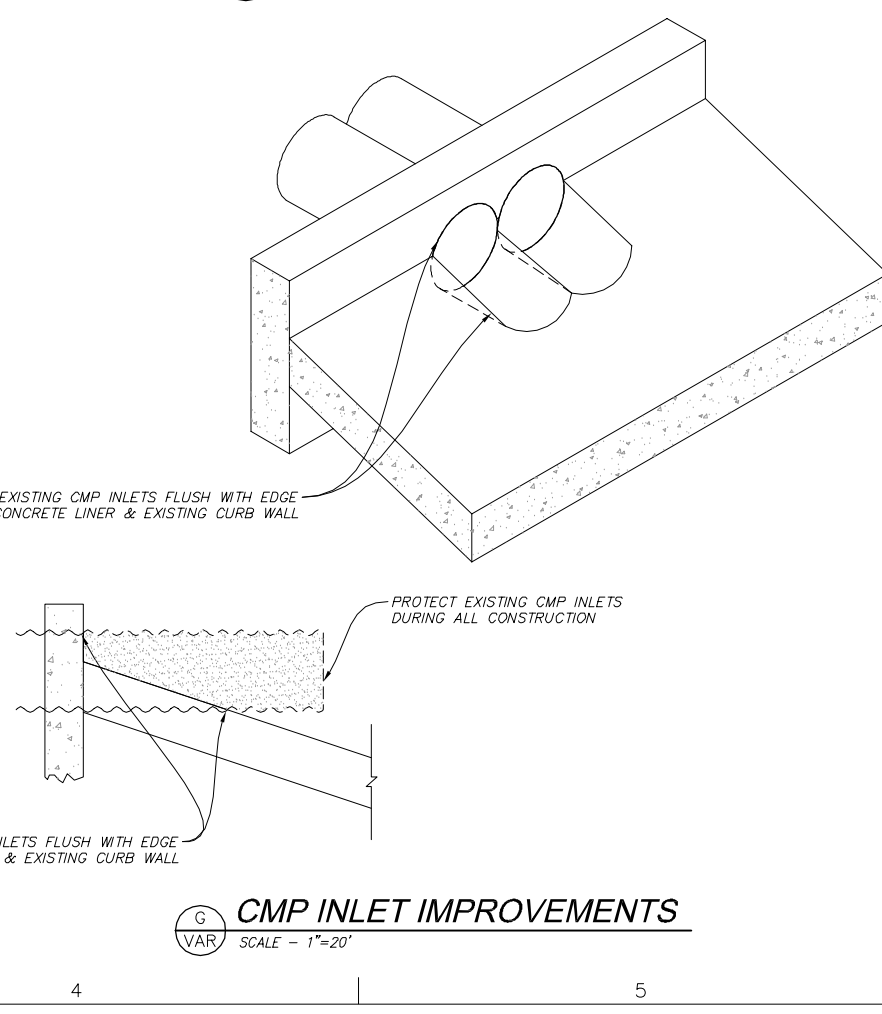
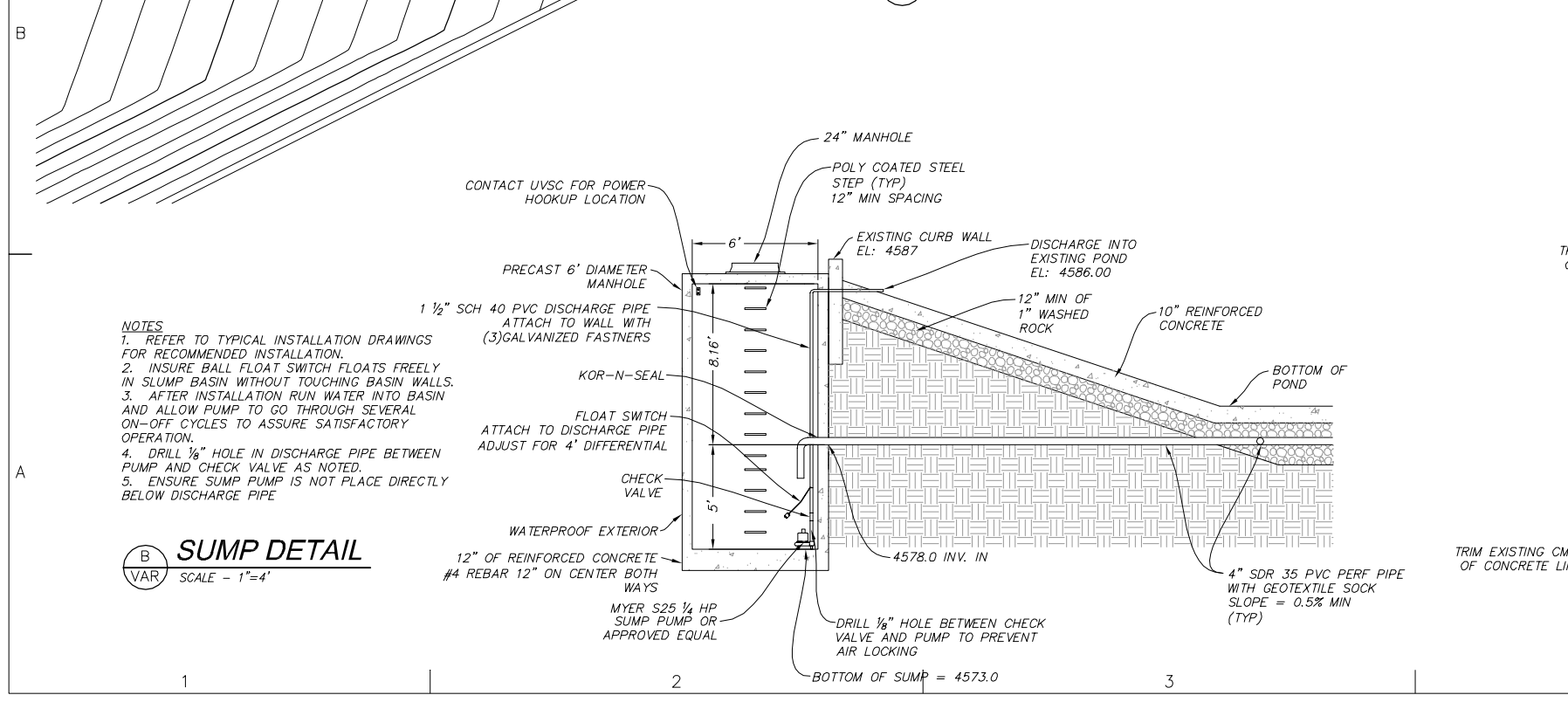
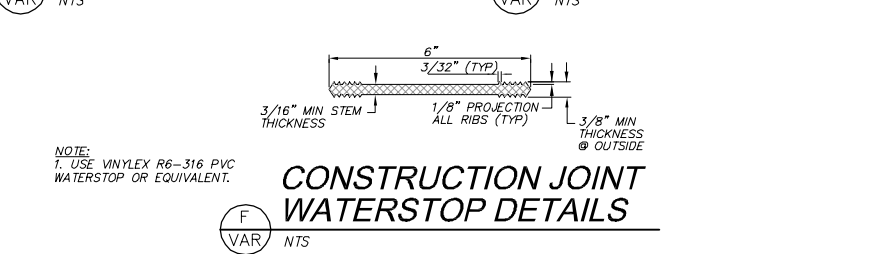
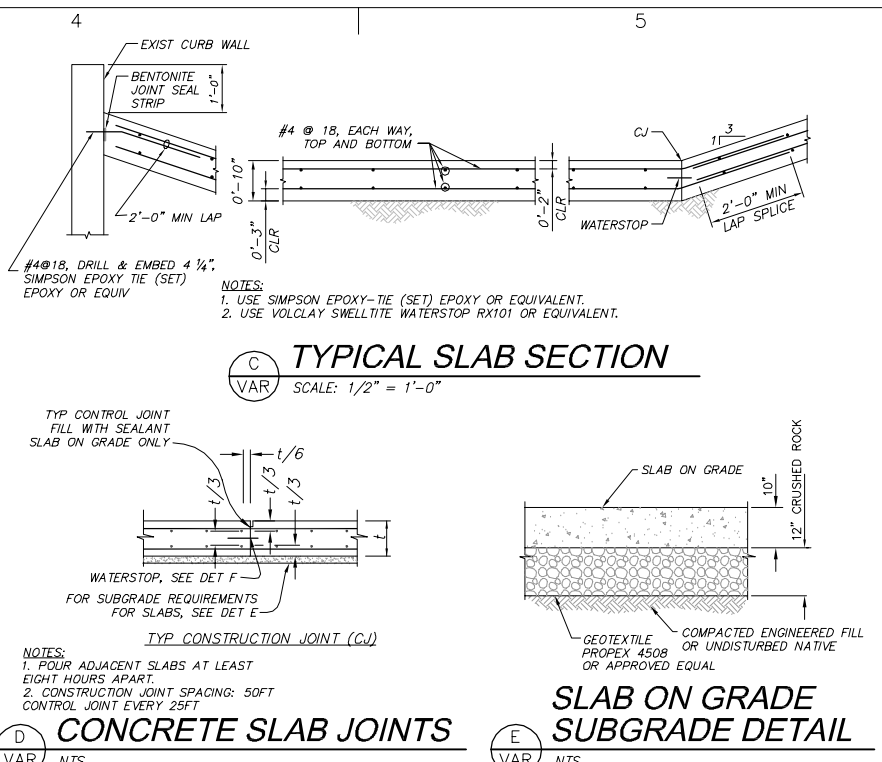
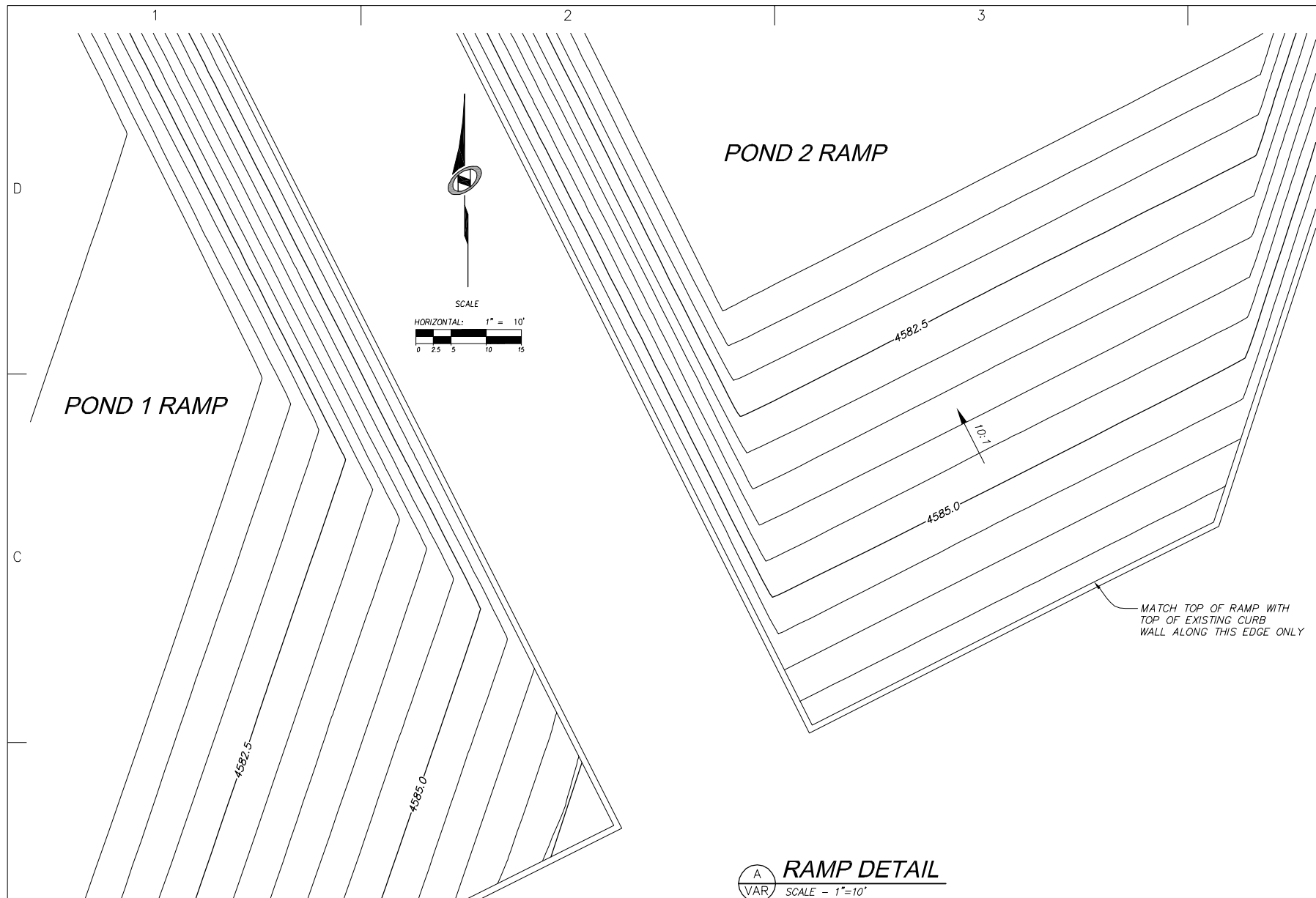
SHEET 5 OF 7



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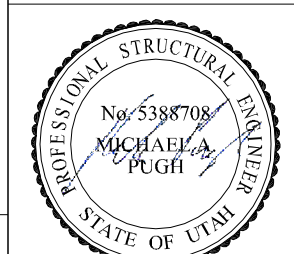


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IRRIGATION POND REHABILITATION PROJECT		
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ISSUE DATE: DECEMBER 23, 2004		
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SHEET TITLE		
POND 1 DETAILS		
SHEET NUMBER		
CD106		
SHEET 6 OF 7		



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POND 2 DETAILS

SHEET NUMBER

CD107

SHEET 7 OF 7